

## Facsimile Transmittal

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**To:** Larry R. Helms, USPTO  
**Telephone:** 571.272.0832**Fax:** 703.872.9306**From:** Paul M. Booth  
**Telephone:** (202) 912-2197  
**Direct Fax:****No. of Pages:** 12 (including cover)  
**Date:** April 12, 2004

37629.0056 (4868)

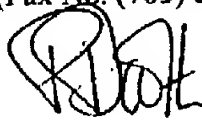
**Message:**

Re: U.S. Patent Application No. 09/232,290  
Filed: 15 January 1999  
For: *IMMUNOGLOBULIN SUPERFAMILY DOMAINS  
AND FRAGMENTS WITH INCREASED SOLUBILITY*  
Applicant(s): Plückthun et al.  
Our Reference: 37629-0056 US

## CERTIFICATE OF FACSIMILE TRANSMISSION

Sir:

I hereby certify that an Amendment, a Transmittal Form and Fee Transmittal are being facsimile transmitted to the U.S. Patent and Trademark Office (Fax No. (703) 872-9306) on 12 April 2004. This facsimile transmission includes a total of 12 pages.

 40,244DC 128694 v1  
4/12/04 11:34 AM (37629.0056)

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Heller Ehrman White &amp; McAuliffe LLP www.hewm.com

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PAGE 1/12 \* RCVD AT 4/12/2004 1:42:51 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/3 \* DNIS:8729306 \* CSID:202 912 2020 \* DURATION (mm:ss):04:18

**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

X Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$): 198

**Complete if Known**

Application Number	09/232,290
Filing Date	15 January 1999
First Named Inventor	Plückthun et al.
Examiner Name	Larry R. Helms
Art Unit	1644
Attorney Docket No.	37629-0056

**METHOD OF PAYMENT (check one)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None**X Deposit Account:**

Deposit Account Number 08-1641 (Docket No. 37629-0056)

Deposit Account Name Heller Ehrman White &amp; McAuliffe LLP

The Commissioner is authorized to: (check all that apply)

X Charge fee(s) indicated below X Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
49	-27** = 22	9	198
Independent Claims	3	-5** = 0	43 = 0

**Multiple Dependent**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$): 198

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Sum	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

**SUBMITTED BY**

Name (Print/Type) Paul M. Booth

Registration No. 40,244  
(Attorney/Agent)**Complete (if applicable)**

Telephone 202-912-2000

Date 12/17/2004

Customer No. 26633

PTO/SB/21 (08-00)

Please type a plus sign (+) inside this box → ☒


Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/232,290	
	Filing Date	15 January 1999	
	First Named Inventor	Plückthun et al.	
	Group Art Unit	1644	
	Examiner Name	Larry R. Helms	
Total Number of Pages in This Submission	12	Attorney Docket Number	37629-0056

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		
Authorization to charge deposit account No. 08-1641 for any fees due in connection with this paper.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Paul M. Booth, Reg. No. 40,244 Heller Ehrman White & McAuliffe LLP
Signature	
Date	April 12, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <input type="text"/>			
Typed or printed name			
Signature		Date	

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

In re patent application of

Andreas Plückthun et al.

Filed: January 15, 1999

Serial No.: 09/232,290

Confirmation No. 1987

Atty. Docket No. 37629-0056

Group Art Unit: 1644

Examiner: Larry R. Helms

For: IMMUNOGLOBULIN SUPERFAMILY DOMAINS AND FRAGMENTS WITH  
INCREASED SOLUBILITYSUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. §1.111Director, U.S. Patent and Trademark Office  
Washington, DC 20231

Sir:

This is a supplemental response to the office action mailed August 1, 2003 (Paper No. 38), for the above-captioned application. A response previously was filed on February 2, 2004. Applicants request that any fees required for filing this paper be charged to Deposit Account 08-1641.

Please amend the application as set forth below.

Please cancel claims 1-5, 8-27 and 37-41 and add claims 42-63 set forth below.